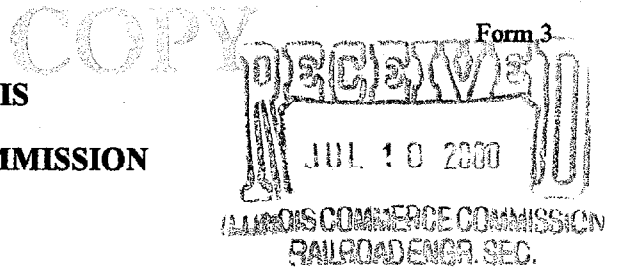


STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION



Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

Date: July 6, 2000

X-11432

700-0047

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Installation of Flashing Light Crossing Signals with Gates and 12" lenses. Front and back lamp
assemblies on both signal masts at: TR-134 in Barry, Pike County, Illinois, DOT: 479 593V,
Milepost: DH-494.45

File No. 061-04.493

Project No. 04.0477

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By R. H. Ray

R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company

2. Crossing Number 479 593V

3. Village or City Barry

4. Name of Street or Highway TR-134

5. Public Agency Maintaining Highway Township

6. Protection now established:

Cross Bucks

7. Protection desired:

Automatic flashing light warning devices with gates controlled with constant warning time
circuitry.

8. Number of main tracks One Other tracks None

9. Number of passenger movements:

6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None

10. Number of freight train movements:

6 a.m. to 6 p.m. Six 6 p.m. to 6 a.m. Ten

11. Approximate number of switch movements:

6 a.m. to 6 p.m. Two 6 p.m. to 6 a.m. None

12. Maximum speed of trains at crossing on each track in each direction:

North/East 50 M.P.H.

South/West 50 M.P.H.

13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

155 including vehicles, trucks and buses

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16

(File Original and Two Duplicates)

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator - Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.


Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 6th
day of July 20 00.


Notary Public - Georgia

My Commission Expires: Notary Public, Gwinnett County, Georgia
My Commission Expires October 26, 2000

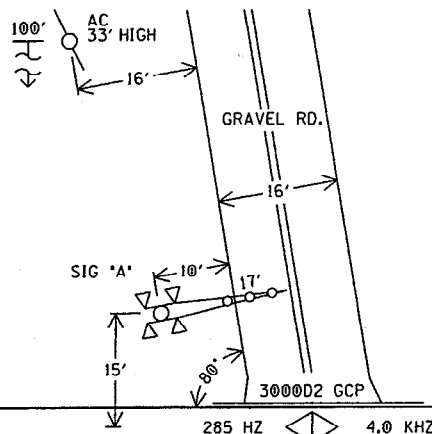
TO MOBERLY, MO

TO DECATUR, IL

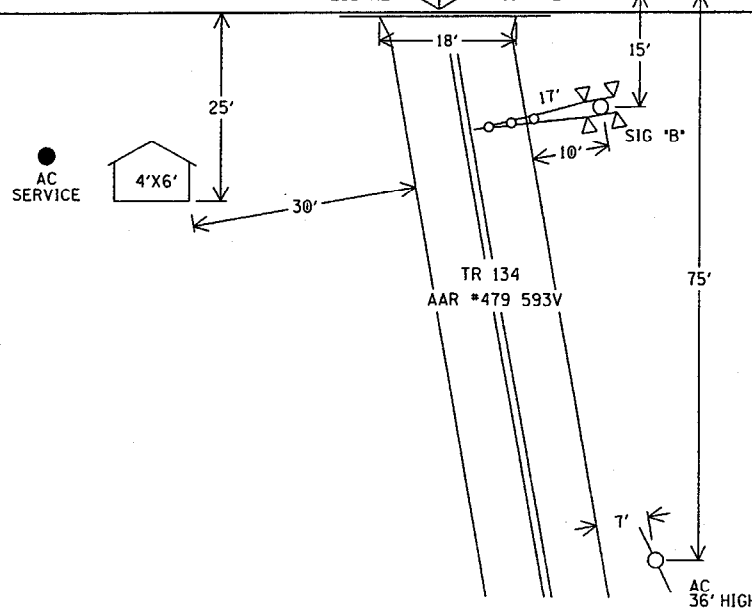
IN SERVICE

SIGNED DATE

- ☐ S&E ENGINEERING COPY
☐ CONSTRUCTION OFFICE COPY
 RETURN TO S&E ENG. AFTER COMPLETION
☐ FIELD COPY
 RETURN TO CASE AFTER COMPLETION
☐ PROJECT ENGINEER COPY



APPROACH LENGTHS ALLOW FOR:	
TIME IN SECONDS	CWT E.B./W.B. APPROACH
STANDARD MUTCD MIN. TIME	20
DESIGNED WARNING TIME	26-30
EQUIPMENT RESPONSE TIME	4
TOTAL TIME	30
MAX. SPEED (M.P.H.)	50
APPROACH DISTANCE (FEET)	2190'



NOTES:

1. MAX. TRAIN SPEED 50 M.P.H.
2. LATITUDE N 39° 42' 34" LONGITUDE W 91° 00' 39"
ELEVATION 561'
3. RADIO COMBO #5
4. SIGNAL 'A' TO HAVE BELL.
5. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
6. CROSSING LOCATED IN PIKE COUNTY.
7. NEAREST STREET ADDRESS IS
N/A
8. NEAREST INTERSECTING STREET IS
TR 177

SCALE: 1" = 20'

PROJECT #04.0477

LAYOUT

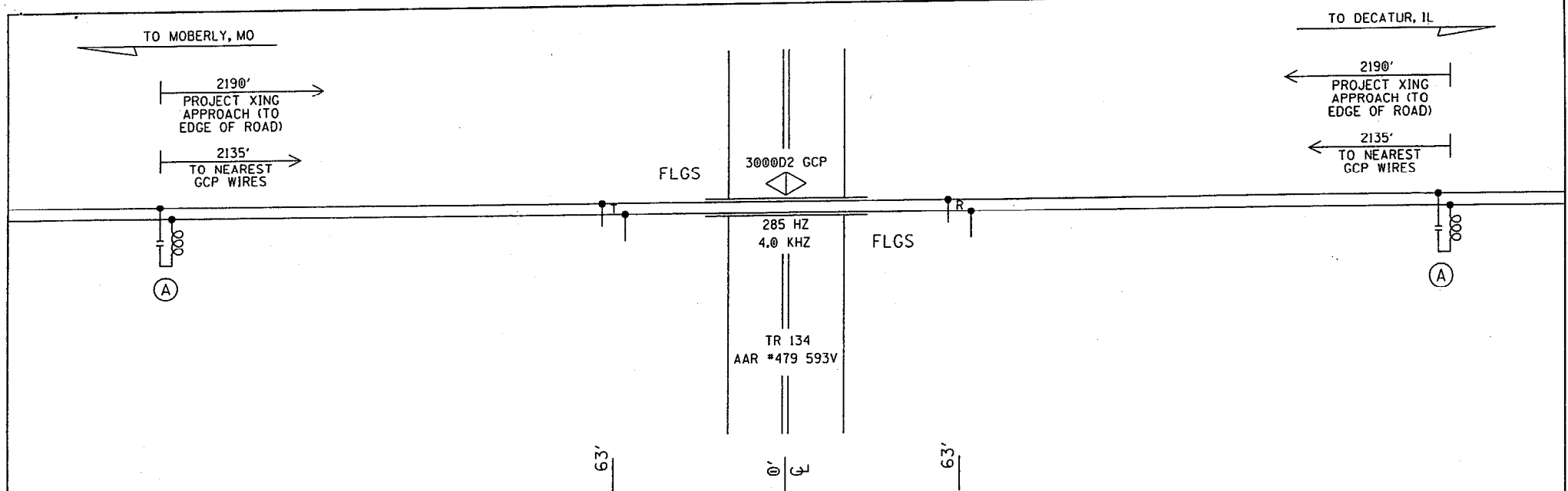
FILE NO. 061-04.493

DESIGNED BY: DLM 05-03-00	NS NORFOLK SOUTHERN	
DRAWN BY: SSC 05-03-00	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA. M.P.: DH-494.45	
CHECKED BY: NT 05-05-00	HANNIBAL, MO TO MOSSER, IL BARRY, ILLINOIS FLGS AT TR 134	
IN SERVICE:	SPRINGFIELD DISTRICT	FILE NO. R-
	CADD or DWG. No. SFDH49445.01	SHEET No. 1 of 13

REVISION
INITIALS


PROPERTY

NORFOLK SOUTHERN RAILWAY CO.



(A) - MF-NBS 62775-1543 (285 HZ)

PROFILE

DESIGNED BY:	 NORFOLK SOUTHERN	
DLM 05-03-00	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: DH-494.45
DRAWN BY:	HANNIBAL, MO TO MOSSER, IL	
SSC 05-03-00	BARRY, ILLINOIS FLGS AT TR 134	
CHECKED BY:	SPRINGFIELD DISTRICT	
NT 05-05-00	FILE No.	R-
IN SERVICE:	CADD OF DWG. No.	SFDH49445.02
- -	SHEET No.	2 of 13

REVISION
INITIALS

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.

SIGNED

DATE _____

- ☐ S&E ENGINEERING COPY
☐ CONSTRUCTION OFFICE COPY
RETURN TO S&E ENG. AFTER COMPLETION
☐ FIELD COPY
RETURN TO CASE AFTER COMPLETION
☐ PROJECT ENGINEER COPY

TIME IN SECONDS

CWT
E.B./W.B. APPROACH

STANDARD MUTCD MIN. TIME	20
DESIGNED WARNING TIME	26-30
EQUIPMENT RESPONSE TIME	4
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APPROACH DISTANCE (FEET)	2190'

R.O.W.

R.O.W.

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7. NEAREST STREET ADDRESS IS
N/A
8. NEAREST INTERSECTING STREET IS
TR 177

PROJECT #04.0477

FILE 061-04.493
No.



NORFOLK SOUTHERN

OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: DH-494.45
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HANNIBAL, MO TO MOSSER, IL
BARRY, ILLINOIS FLGS AT TR 134

SPRINGFIELD DISTRICT

FILE No.	R-
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CADD or
DWG. No. SFDH49445.01

SHEET 1 of 13
No.

REVISION
INITIALS

PROPERTY

NORFOLK SOUTHERN RAILWAY CO.

MAY 22 2030

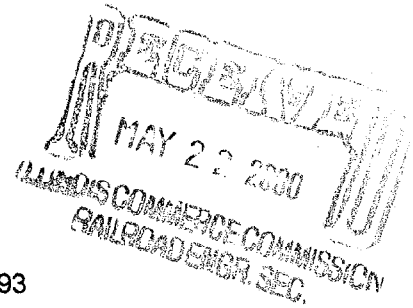
U.S. COMMERCE COMMISSION
RAILROAD ENGR. SEC.

ORIGINAL

Detailed Estimate for Grade Crossing Warning Devices

City/State: BARRY, IL
 MilePost: DH-494.45
 State Proj. No.:
 S&E Proj. No.: 04.0477
 Man Days: 72

Road: TR-134
 DOT/AAR: 479593V
 County: PIKE
 AFE:
 File Number: 061-04.493



Purchases - Other

Meals and Lodging:	\$4,530.00	
Rental of Equipment:	\$9,910.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 18 Days)		
Construction Supervision Vehicle:	\$190.00	
Contingencies:	\$550.00	
Purchases - Other Total:		\$15,180.00

*** Material and Additives***

Material Cost:	\$51,220.00	
Sales and Use Tax:	\$2,560.00	
Material Handling Freight:	\$4,870.00	
Material Total:		\$58,650.00

Labor and Additives

Labor Cost:	\$11,660.00	
(4 man crew at \$648.00 a day for: 18 days)		
Payroll Tax & Overheads:	\$10,100.00	
Preliminary Engineering:	\$3,020.00	
Construction Supervision:	\$3,290.00	
Labor Total:		\$28,070.00
Subtotal:		\$101,900.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$101,900.00

Estimated on 10-May-00

Estimated by: el9lb

Estimate valid for 1 year from date of estimate

Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	BARRY
Road:	TR-134
Milepost:	DH-494.45
Drawing Number:	SFDH49445
State Project Number:	
County:	PIKE
A A R Number:	479593V
Project Number:	04.0477
File Number:	061-04.493
A F E Number:	
Store Number:	
Supervisor:	D.J. HOLLINGSEAD
Tax Code:	1200
<p>Vendor to supply the following copies after pricing:</p> <ul style="list-style-type: none">1 Set - Material Management with original invoice2 Sets - with plans shipped in car with material1 Set - S&E Gen. Supt. Construction w/ copy of invoice	

May 10, 2000

Location: BARRY IL S&E Proj. No.: 04.0477 AFE No.: Drawing No.: SFDH49445 Page 1/4
Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
3	670-360693-4	EA	\$4.71	\$14.13	AAR/DOT NUMBER PLATE/DECAL,ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN						
1	165-006505-4	EA	\$922.88	\$922.88	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
2	670-001321-4	EA	\$241.02	\$482.04	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
13	105-871901-4	EA	\$150.69	\$1,958.97	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	\$181.50	\$181.50	BELL, CROSSING ELECTRONIC GENERL SIGNAL, EB-3-360-5 CR 02-044350						
2	670-169035-4	EA	\$1,803.00	\$3,606.00	BRACKET, GENERAL SIGNALS, INC. SK-1000, SPRING LOADED ADAPTOR FOR AL.GATES 28"OR LESS, NORMAL						
2	670-000977-4	EA	\$56.65	\$113.30	BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAN 076203-518X						
300	465-292862-4	LF	\$0.98	\$294.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292896-4	LF	\$1.03	\$309.00	CABLE, U-3-10 POWER SOLID BARE COPPER CONDUCTOR, 45 MILS OKOLENE INSULATION,						
300	465-292929-4	LF	\$2.93	\$879.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-954727-4	LF	\$1.55	\$465.00	CABLE, UG 7 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL FLAT						
80	165-544477-4	FT	\$1.95	\$156.00	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
3	165-299316-4	EA	\$16.50	\$49.50	CONDUIT, PVC CASE OUTLET 4 IN. X 29-1/2 IN. SCHEDULE-80 WITH 4 IN. COUPLING, CARLON E940N,						
2	670-090450-4	EA	\$48.49	\$96.98	CONNECTOR,WELDED FAR RAIL HARMON A1000-2W						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: BARRY

IL

S&E Proj. No.: 04.0477

AFE No.:

Drawing No.: SFDH49445

Page 2/4

Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
2	670-486646-4	EA	\$39.73	\$79.46	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W						
2	670-793404-4	EA	\$819.21	\$1,638.42	COUNTERWEIGHT PKAGE, 17-24'GATE S'TRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
3	670-080337-4	EA	\$0.71	\$2.13	DECAL, X'ING SIGNAL MALFUNCTION 11" X 4", GATE MOUNT						
3	670-077544-4	EA	\$0.53	\$1.59	DECAL, X'ING SIGNAL MALFUNCTION 6" X 6", MAST MOUNT						
1	670-986650-4	EA	\$353.00	\$353.00	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						
2	670-000003-4	EA	\$250.00	\$500.00	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST						
2	670-015231-4	EA	\$372.96	\$745.92	FOUNDATION,DIXIE,S-2 GATE 5'6" ASSEMBLED						
1	670-477991-4	EA	\$286.11	\$286.11	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200#4WIRE,12 4 WIRE ONE SHOTS. ERICO SBK206						
1	670-123298-4	EA	\$165.36	\$165.36	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, ETC...						
2	670-764166-4	EA	\$886.35	\$1,772.70	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$8.24	\$49.44	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
4	255-590880-4	EA	\$15.26	\$61.04	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						
2	670-001123-4	EA	\$984.68	\$1,969.36	MAST, 5" ALUMINUM 13'10" WITH SINGLE JCT. BOX BASE W/RODENT PL HARMON @250550-002, SERRMI A6071						
2	670-696127-4	EA	\$2,830.75	\$5,661.50	MECHANISM, GATE MODEL S40, COMPLETE W/RELAY S'TRAN # 074000-W000097						

APPROVED BY STATE

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CAR NUMBER

SEAL NUMBER

Location: BARRY IL S&E Proj. No.: 04.0477 AFE No.: Drawing No.: SFDH49445 Page 3/4
Store No.: P.O. Number: Date Required: Date Shipped: Vendor: Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
1	670-499590-4	EA	\$2,324.00	\$2,324.00	MONITOR,HIGHWAY XING,DEMA-NS8NR W/DUAL SENSOR,NO RADIO,INCLUDES WIRING AND INSTALLATION						
4	670-001347-4	EA	\$56.65	\$226.60	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$9.27	\$9.27	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-514605-4	EA	\$8.24	\$8.24	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
1	670-166532-4	EA	\$137.50	\$137.50	PROTECTOR, SURGE 3-WIRE PLUS GRD 120/240 JOSLYN ELECTRONICS 1259-21-A FOR I/S AC BREAKER PANEL						
1	610-352470-4	EA	\$357.50	\$357.50	RADIO, RITRON, FREQUENCY COMBO #5, CH 1 = 160.440MHZ, CH 2 = 161.250MHZ.						
4	465-002899-4	EA	\$20.40	\$81.60	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
1	670-907448-4	EA	\$4,264.00	\$4,264.00	SHELTER, ALUM. 4X6 BARE FOR WIRED RACK, INCLUDES TELESCOPIC F'DATIONS & LOADING INTO CONTER						
2	670-586967-4	EA	\$33.95	\$67.90	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-652773-4	EA	\$459.80	\$919.60	SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND						
2	670-806648-4	EA	\$55.13	\$110.26	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$34.77	\$69.54	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207- 1X						
2	670-006438-4	EA	\$10.30	\$20.60	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X						
1	670-330382-4	RL	\$10.50	\$10.50	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: BARRY IL S&E Proj. No.: 04.0477 AFE No.: Drawing No.: SFDH49445 Page 4/4
Store No.: P.O. Number: Date Required: Date Shipped: Vendor : Safetran Systems Corp.

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
1	670-633408-4	EA	\$19,797.20	\$19,797.20	WIRED RACK, ALUM, XING EQUIP WITH 1 TRK 3000D2 GCP, 20 AMP XING CONT,CHARGER & SURGE PANELS						

Total Material \$51,218.64

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CAR NUMBER

SEAL NUMBER